

LECROY (TELEDYNE LECROY)

WavePro 7300A

The Teledyne LeCroy WavePro 7300A is a high-performance 4-channel digital oscilloscope from the WavePro 7000A Series. It delivers 3 GHz of bandwidth and sample rates up to 20 GS/s (interleaved). Built around LeCroy's X-Stream architecture, the 7300A is designed for advanced waveform, jitter, and timing analysis on high-speed signals, featuring a 1 ps jitter noise floor and extensive built-in measurement capabilities.

SPECIFICATIONS

General

Display	10.4-inch color SVGA TFT LCD with touchscreen
Processing Architecture	X-Stream Technology

Physical

Operating Temperature	5 °C to 40 °C °C
Dimensions (W×H×D)	264 × 397 × 491 mm mm
Weight	18 kg kg

Vertical System

Bandwidth	3 GHz
Input Channels	4
Vertical Resolution	8 bits

Acquisition System

Maximum Real-Time Sample Rate (Interleaved)	20 GS/s
Maximum Memory Depth (Optional Configuration)	Up to 48 Mpts

Horizontal System

Timebase Clock Accuracy	≤ 1 ppm
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Acquisition

Equivalent Time Sample Rate (RIS)	200 GS/s
Pre-Trigger Delay	0 to 100% of full scale memory

Triggering

Trigger Sources	Ch 1, Ch 2, Ch 3, Ch 4, Ext, Ext/10, Line
Trigger Modes	Auto, Normal, Single, Stop

Analysis & Processing

Math Traces	4 (F1 to F4)
Zoom Traces	4 (Z1 to Z4)

Environmental

Storage Temperature	-20 °C to +60 °C
Operating Altitude	Up to 3,048 m (10,000 ft)

TECHNOLOGY

Digital Oscilloscope

APPLICATIONS

High-speed signal analysis, jitter and timing measurements, embedded system debug

Generated by SpecAtlasHub (specatlashub.com). Specifications are compiled from available sources and are subject to change — verify critical values against the manufacturer before purchase.